

10/524358
BT01 RSCD PCT/PTO 14 FEB 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-13. (cancelled)

14. (new) A preparation for producing a material used to restore a mineralized substance which includes:

an aqueous liquid part;

a solid part including calcium carbonate and at least one silicate selected from tricalcium silicate and dicalcium silicate;

calcium chloride and a water-reducing agent, both contained in at least one of the aforementioned parts; and

the solid part and the liquid part are mixed in order to obtain said material.

15. (new) A preparation according to claim 14, wherein the solid part contains between 70 % and 99 % by weight of dicalcium and/or tricalcium silicate, and between 1 and 30 % by weight of calcium carbonate, said weight percents being given on the basis of all of the constituents of the solid part.

16. (new) A preparation according to claim 14, wherein the solid part further includes zirconium oxide between 0 and 15 % by weight of all of the constituents of the solid part.

17. (new) A preparation according to claim 14, wherein the liquid part contains calcium chloride with a content between 1 and 35 % by weight with respect to the total volume of the liquid part.

18. (new) A preparation according to claim 17, wherein said calcium chloride is present in a content between 9 and 25 % by weight with respect to the total volume of the liquid part.

19. (new) A preparation according to claim 14, wherein the solid part contains calcium chloride with a content between 0.1 and 10 % by weight of all of the constituents of the solid part.

20. (new) A preparation according to claim 19, wherein said calcium chloride is present in an amount between 0.9 and 7.5 %.

21. (new) A preparation according to claim 14, wherein the liquid part contains a water-reducing agent in a proportion between 0.1 and 10 % by weight of the total volume of the liquid part.

22. (new) A preparation according to claim 21, wherein said water-reducing agent is present in an amount from 1.0 to 5.0 % by weight of the total volume of the liquid part.

23. (new) A preparation according to claim 21, wherein said water-reducing agent is present in an amount from 2.0 to 4.0 % by weight of the total volume of the liquid part.

24. (new) A preparation according to claim 14, wherein the solid part includes a water-reducing agent in a proportion between

0.01 and 3 % by weight of all of the constituents of the solid part.

25. (new) A preparation according to claim 24, wherein said water-reducing agent is present in an amount from 0.15 to 1.25 % by weight of all the constituents of the solid part.

26. (new) A preparation according to claim 24, wherein said water-reducing agent is present in an amount from 0.38 to 0.84 % by weight of all the constituents of the solid part.

27. (new) A preparation according to claim 21, wherein the water-reducing agent is a plasticizer.

28. (new) A preparation according to claim 27, wherein the water-reducing agent is selected from the group consisting of polynaphthalene sulfonate and a modified polycarboxylate-based plasticizer.

29. (new) A preparation according to claim 24, wherein the water-reducing agent is a plasticizer.

30. (new) A preparation according to claim 29, wherein the water-reducing agent is selected from the group consisting of polynaphthalene sulfonate and a modified polycarboxylate-based plasticizer.

31. (new) A preparation according to claim 14, wherein the volume-to-mass ratio between the liquid part and the solid part is between 0.1 and 0.3.

32. (new) A preparation according to claim 31, wherein the volume-to-mass ratio is between 0.15 and 0.25.

33. (new) A preparation according to claim 31, wherein the volume-to-mass ratio is between 0.17 and 0.23.

34. (new) A preparation for dental restoration according to claim 14, wherein at least 90 % of the particles of each of the constituents of the solid part has a particle size of less than 10 μm .

35. (new) A method for producing a material for restoring a mineralised substance in the dental field from the preparation according to claim 14, wherein the solid part and the liquid part are mixed homogenously.

36. (new) Use of the preparation to obtain a tooth-restoration material according to claim 14, comprising an apical sealing cement, a dentino-cemental substitute, a cavity-lining material and a filling material for the jaw bones.